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| <p>SECOND PRELIMINARY AMENDMENT</p> <p>Address to: Assistant Commissioner for Patents Washington, D.C. 20231</p> | Attorney Docket | SHIM-006 |
| | First Named Inventor | Takuva Tamatani et al. |
| | Application Number | 09/582.337 |
| | Int'l. Filing Date | December 16, 1998 |
| | Group Art Unit | Unassigned |
| | Examiner Name | Unassigned |
| | Title | Monoclonal Antibody Against Connective Tissue Growth Factor and Medicinal Uses Thereof |

Sir:

This is a preliminary amendment to the patent application identified above. Prior to examination of the subject application, please enter the following amendments to the specification and claims:

AMENDMENTS

IN THE CLAIMS:

Please ~~cancel~~ claims 83-103 and ~~add~~ new claims 104-154 as follows:

104. (New) A monoclonal antibody of a portion thereof, comprising a property selected from the group consisting:

- (a) reactive to human, mouse and rat connective tissue growth factors (CTGFs);
- (b) reactive to both human and mouse CTGFs but not reactive to rat CTGF;
- (c) reactive to both mouse and rat CTGFs but not reactive to human CTGF;
- (d) reactive to rat CTGF;
- (e) inhibiting binding of human CTGF to human kidney-derived fibroblast cell line 293-T (ATCC CRL1573), or the binding of mouse CTGF to said cell line 293-T;
- (f) inhibiting binding of human CTGF to any cells of rat kidney-derived fibroblast cell line NRK-49F (ATCC CRL-1570), human osteosarcoma-derived cell line MG-63 (ATCC CRL-1427), or human lung-derived fibroblasts;
- (g) inhibiting cell proliferation of rat kidney-derived fibroblast cell line NRK-49F (ATCC CRL-1570) induced by stimulus with human or mouse CTGF;

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